

Title (en)
DRINK CONTAINER LID ASSEMBLY

Title (de)
DECKELANORDNUNG FÜR GETRÄNKEBEHÄLTER

Title (fr)
ENSEMBLE COUVERCLE DE RÉCIPIENT DE BOISSON

Publication
EP 3793402 A4 20220302 (EN)

Application
EP 19803660 A 20190326

Priority
• US 201815981991 A 20180517
• US 2019023975 W 20190326

Abstract (en)
[origin: US2019352059A1] A lid assembly for a drink container includes a top, a bottom, and a plunger. The top includes a drink opening. The bottom includes a drink path opening. With the plunger connected with the top and the bottom the top is rotatable about a rotational axis with respect to the bottom to move the plunger in a direction parallel with the rotational axis such that the lid assembly is movable into an open position in which fluid in a drink container to which the lid assembly is attached is able to flow around the plunger and through the drink opening, a closed position in which fluid in the drink container is blocked by the plunger from flowing through the drink opening, and an unlocked position in which the top is removable from the bottom by moving the top with respect to the bottom in a direction parallel with the rotational axis.

IPC 8 full level
A45F 3/16 (2006.01); **A47G 19/22** (2006.01); **A47J 41/00** (2006.01); **B65D 47/06** (2006.01); **B65D 47/20** (2006.01); **B65D 47/24** (2006.01); **B65D 51/16** (2006.01)

CPC (source: EP US)
A47G 19/2272 (2013.01 - EP); **A47J 41/0022** (2013.01 - EP); **B65D 43/0212** (2013.01 - US); **B65D 47/068** (2013.01 - US); **B65D 47/06** (2013.01 - EP); **B65D 47/265** (2013.01 - EP); **B65D 47/32** (2013.01 - EP); **B65D 51/1672** (2013.01 - EP); **B65D 2543/00046** (2013.01 - US); **B65D 2543/00092** (2013.01 - US); **B65D 2543/00537** (2013.01 - US)

Citation (search report)
• [XAI] US 2010155358 A1 20100624 - GEORGE SARAH DANGER [US]
• [A] US 8393487 B1 20130312 - PILLERS MICHELLE J [US], et al
• [A] WO 9838103 A1 19980903 - UNILEVER PLC [GB], et al
• See also references of WO 2019221821A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
US 10926924 B2 20210223; **US 2019352059 A1 20191121**; CN 112135548 A 20201225; CN 112135548 B 20221004; EP 3793402 A1 20210324; EP 3793402 A4 20220302; JP 2021523073 A 20210902; JP 7128300 B2 20220830; TW 201946847 A 20191216; WO 2019221821 A1 20191121

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